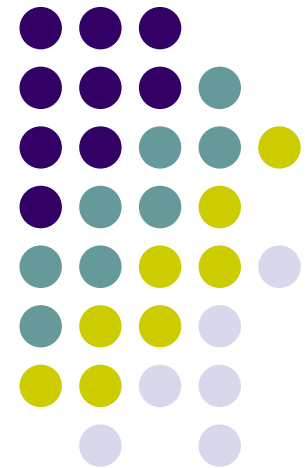


# GVIF MODULE SPECIFICATION (Land Rover, Prius, Lexus etc.)



- . MODEL: GVIF07 Rev.2
- . P/N :



## Index

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- . Upgraded points on Rev.2
  - How to save remote key value
  - Parking Guide line
- . Pre-Caution
- . Main Specification
- . System composition map
- . OUTLINE DIMENSION
- . Product External
- . Main cable pin assign, connecting CAN wire
- . How to use DIP S/W
- . Remote Control
- . OSD(On Screen Display)
- . Product composition
- . FAQ

## Upgraded points on Rev.2

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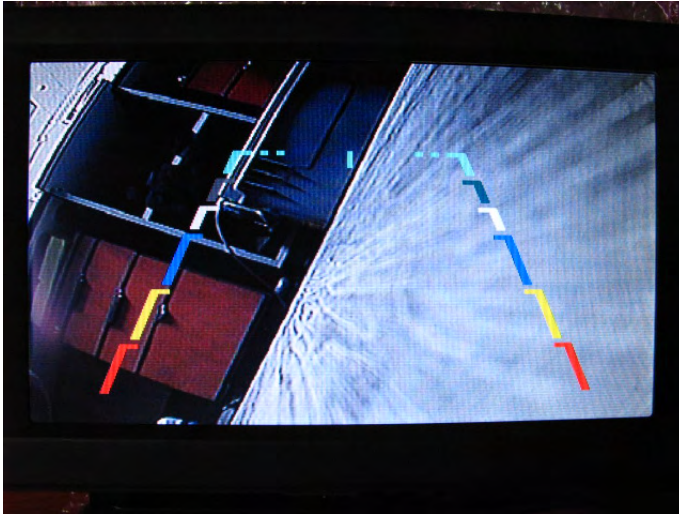
### \* Upgraded points

- CAN module is added on the board (Possible to change mode with Navi button of the car, if press other buttons it will go to OEM screen.) \* Only available for Land Rover Discovery3  
Toggle S/W is not offered due to CAN module added (Option)
- Possible to make a remote button of DVD or Navi that User appoints mode change button.  
You can save a remote value (only one) of DVD or Navi to the Interface. (Refer to Next page to know how to do.)
- Possible to save OSD setting value by each video mode.
- Rear Parking guide line added.
- Screen position adjusted
- LCD OUT Port added (Plug & Play)

## Process to set parking guide line on rear camera mode

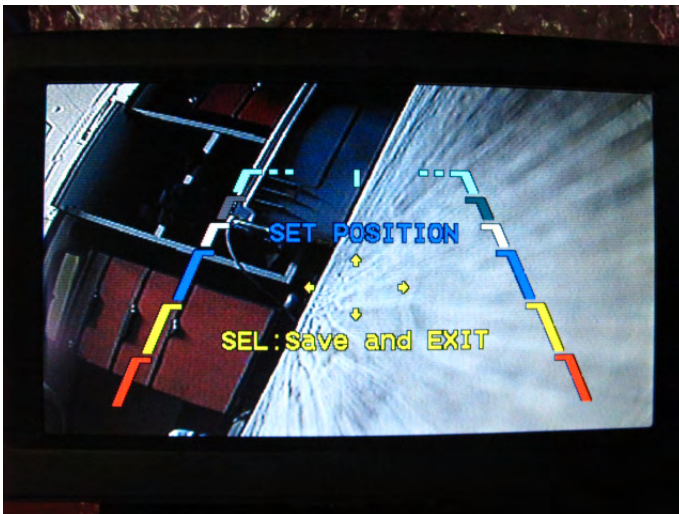


①



① The screen shows the parking Guide line on rear view camera mode like Pic No.1.

②

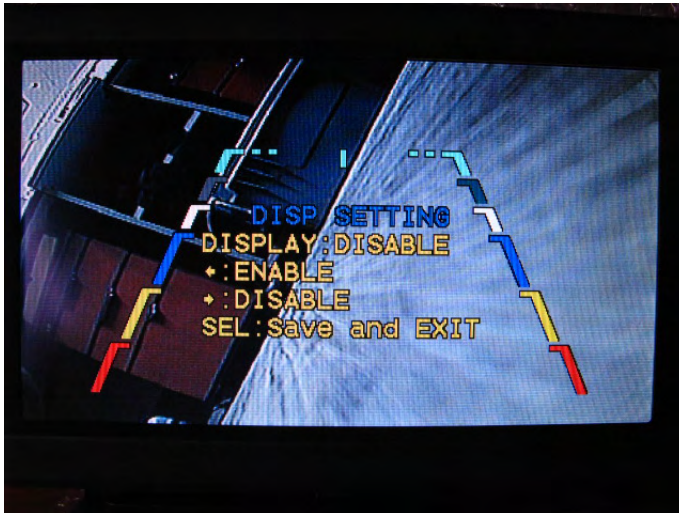


② If you want to adjust the position of parking like, you need to press button 1 of the remote, then you can control the position with ← ↑ → ↓ buttons.

## Process to set parking guide line on rear camera mode



③



③ If you do not want this function, you just press button 2 of the remote and select DISABLE on the setting menu like Pic No.3

\* This function is set initially in the product. If you do not want this, please do like the process No. 3

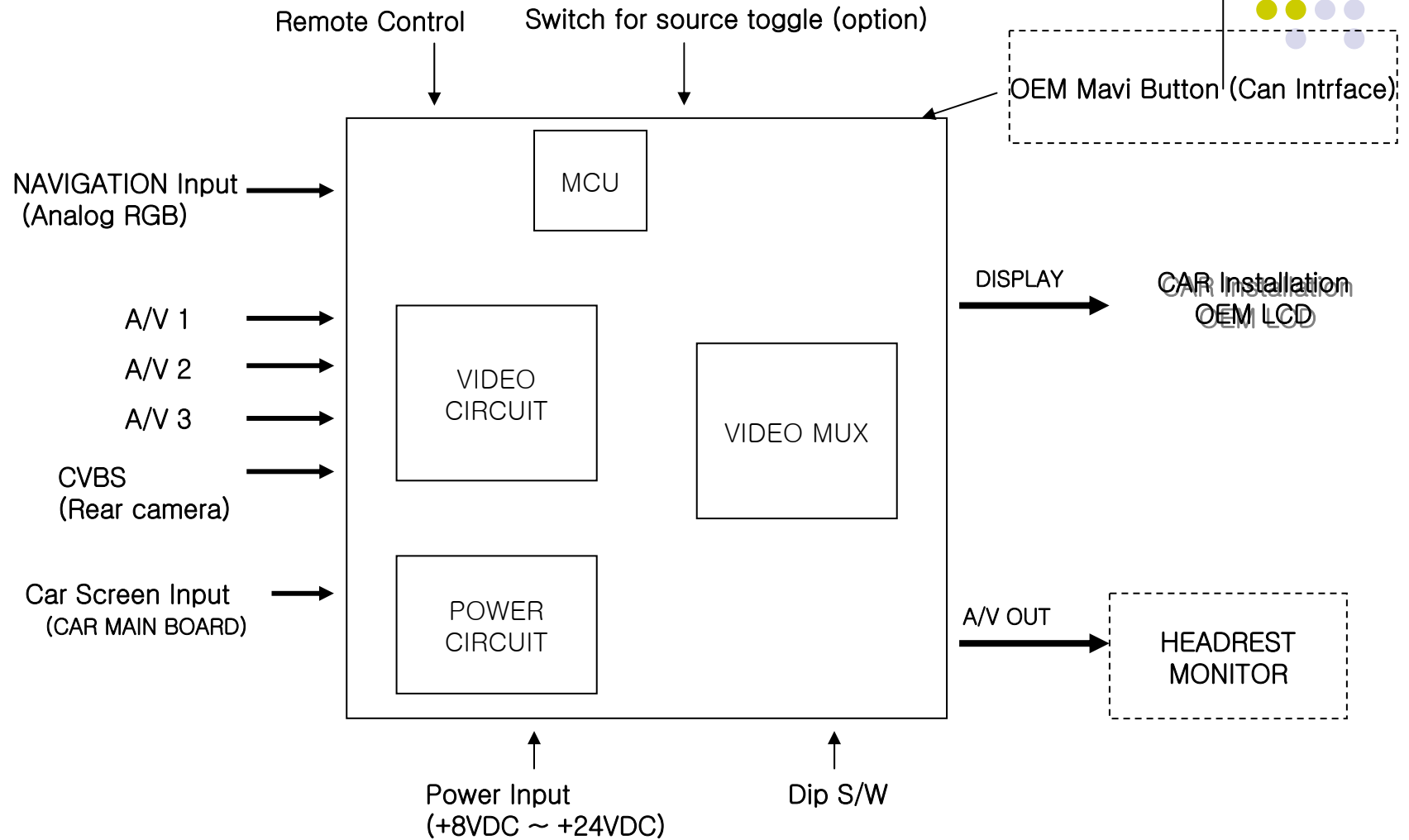
# Main Specification

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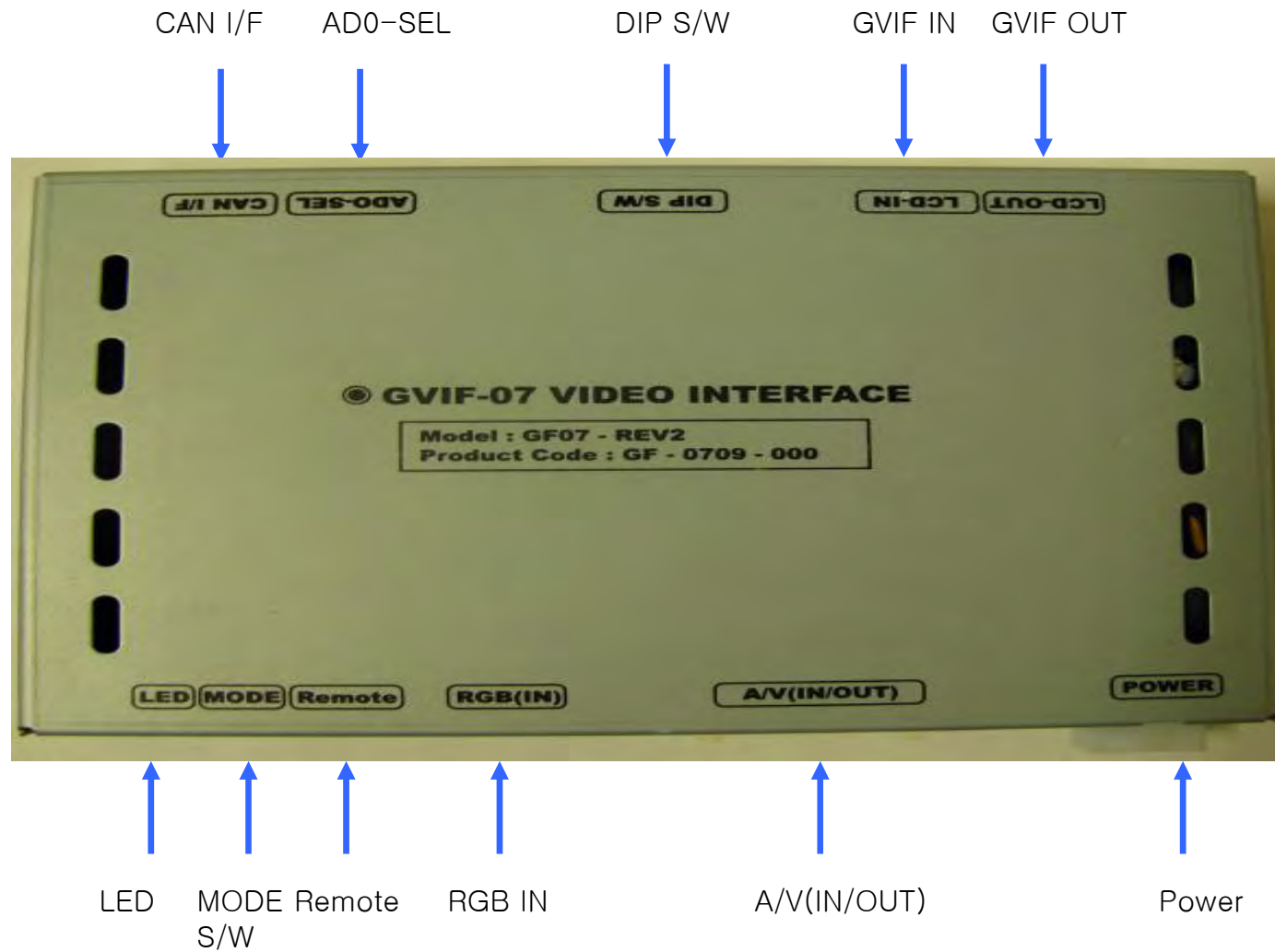


1. Input Spec. (MULTI VIDEO INTERFACE)
  - 3 x A/V Input (External video source).
  - 1 x CVBS(REAR CAMERA) Input. (Rear camera source)
  - 1 x Analog RGB Input (Navigation System output)
  - 1 x LCD Input (Car system Input)
  - 1 x GVIF Input
  
2. Output Spec.
  - 1 x GVIF Output
  - 1 x Audio Select (12V power comes out from 3 wires of cable by video mode)
  
3. Power Spec.
  - Input Power : 8VDC ~ 24VDC
  - Consumption Power : 12WATT, Max
  
4. Switch Input mode
  - Input Video MUTE Function : Possible to make each input mute by operating Dip S/W.
  - Possible to switch Input mode with remote control
  - Possible to switch Input mode with switch for source toggle
  - Possible to switch mode every time by applying +5VDC with I-DRV pin of Power cable.

# System Composition Map



## MODULE EXTERNAL



※ This can change under manufacturer's circumstance



## MODULE EXTERNAL



↑   ↑   ↑   ↑   ↑   ↑  
LED MODE Remote RGB (IN) A/V(IN/OUT) POWER



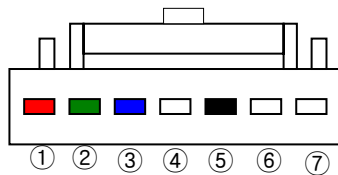
↑   ↑   ↑   ↑   ↑  
LCD-OUT LCD-IN DIP S/W ADO-SEL CAN I/F

※ This can change under manufacturer's circumstance

## Interface connectors pin assign

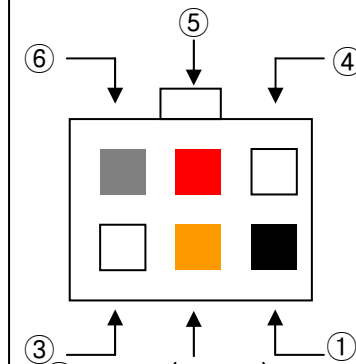


### \*RGB-IN Connect



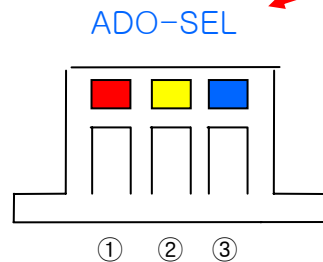
- ① R DATA (Red)
- ② G DATA (Green)
- ③ B DATA (Blue)
- ④ SYNC (White)
- ⑤ GND (Black)
- ⑥ N.C
- ⑦ N.C

### \*Power Connect



- ① GND (Black)
- ② I-Drive (Orange)
- ③ N.C
- ④ N.C
- ⑤ ACC(Red)
- ⑥ REAR(Grey)

## Interface connectors pin assign

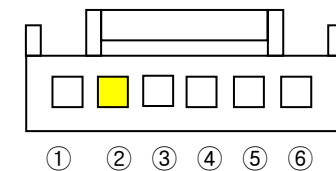


### \*AUDIO OUT Connect

- ① (OUPUT1)-----RED
- ② (OUPUT2)-----Yellow
- ③ (OUPUT3) -----Blue

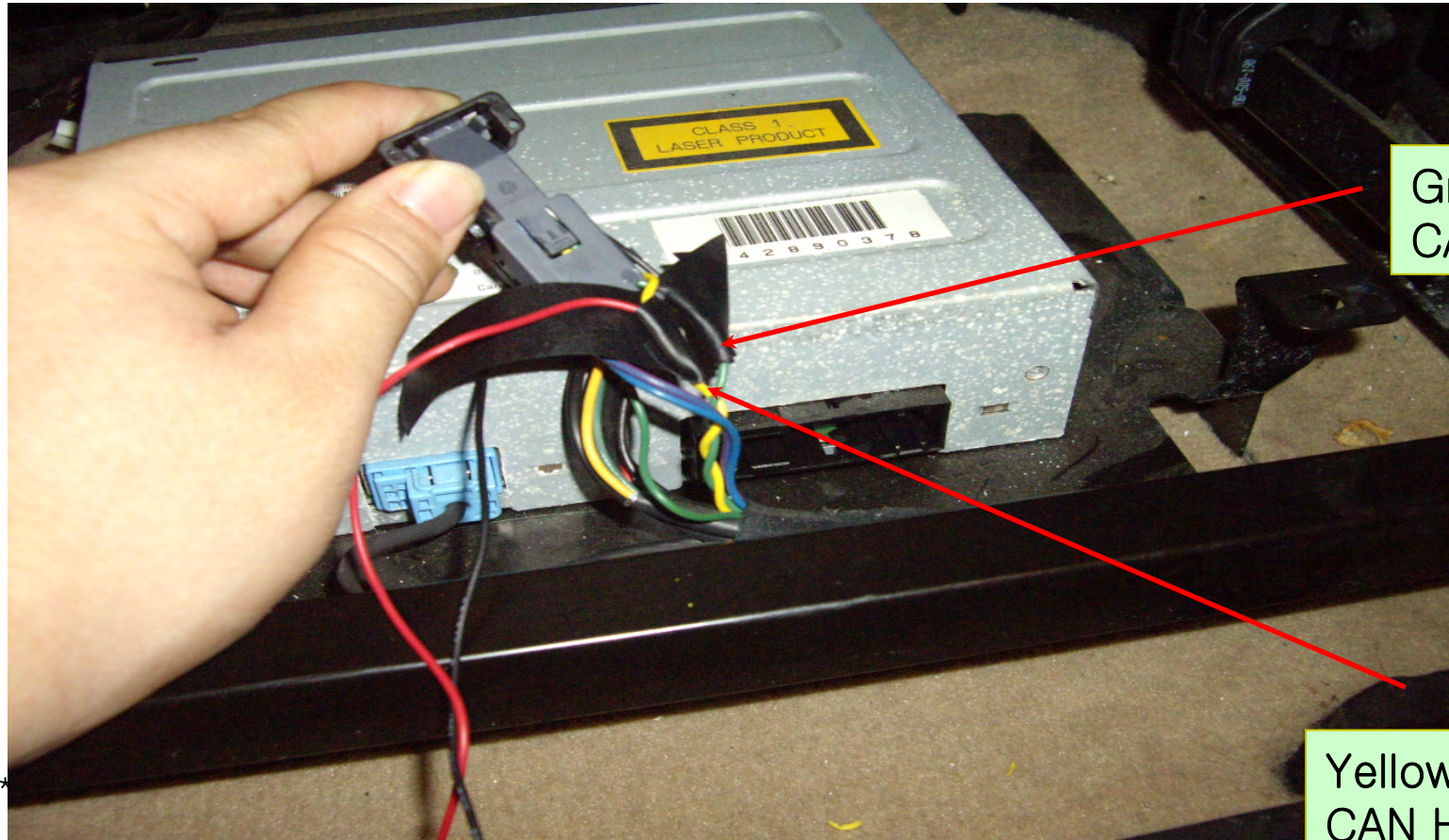
- ① In case of AV1 chosen : Audio Sel 1 --> +12V comes out
- ② In case of AV2 chosen : Audio Sel 2 --> +12V comes out
- ③ In case of AV3 chosen : Audio Sel 3 --> +12V comes out

### \*CAN Connect



- ① CAN HIGH – White
- ② CAN LOW–Yellow
- ③ N.C
- ④ N.C
- ⑤ N.C
- ⑥ N.C

## CAN Wiring



Green:  
CAN LOW

Yellow:  
CAN High

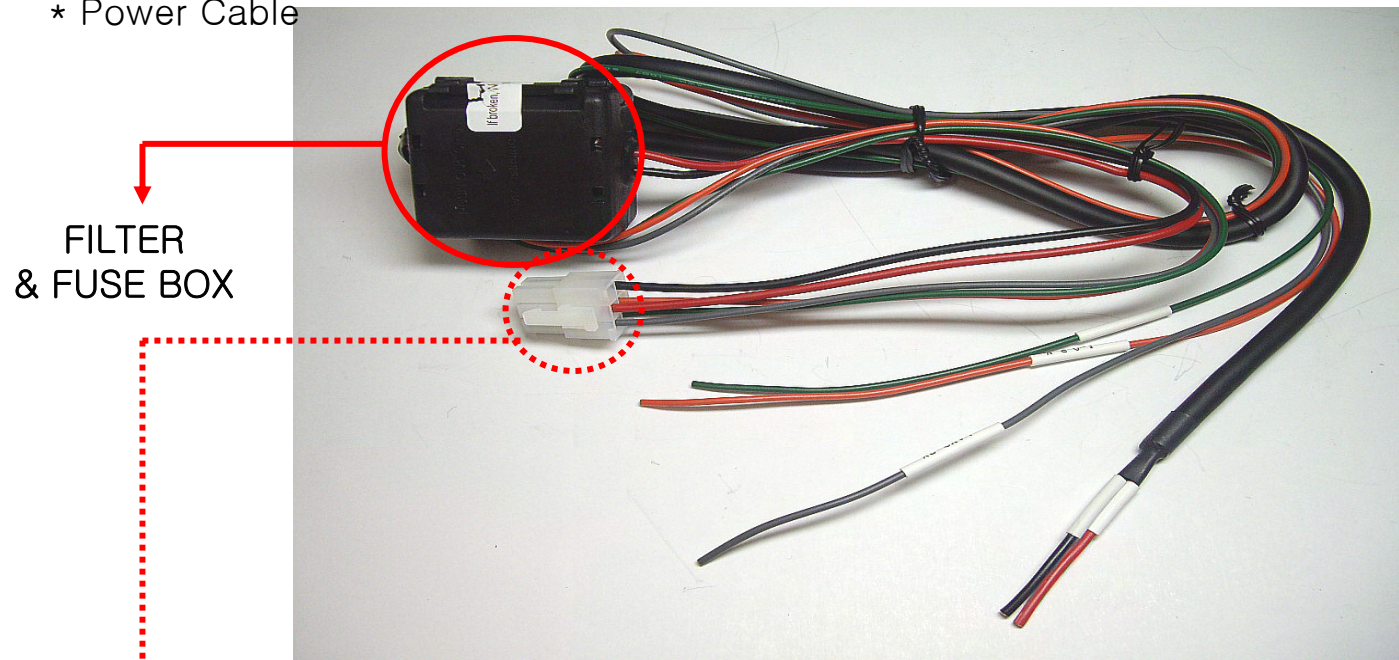
\* Connect the white wire of CAN cable offered to yellow wire of the car, the yellow wire to green wire of the car like the above picture. (Only available for Land Rover Discovery3)

\* CAN wires color can be changed by imported country and area.

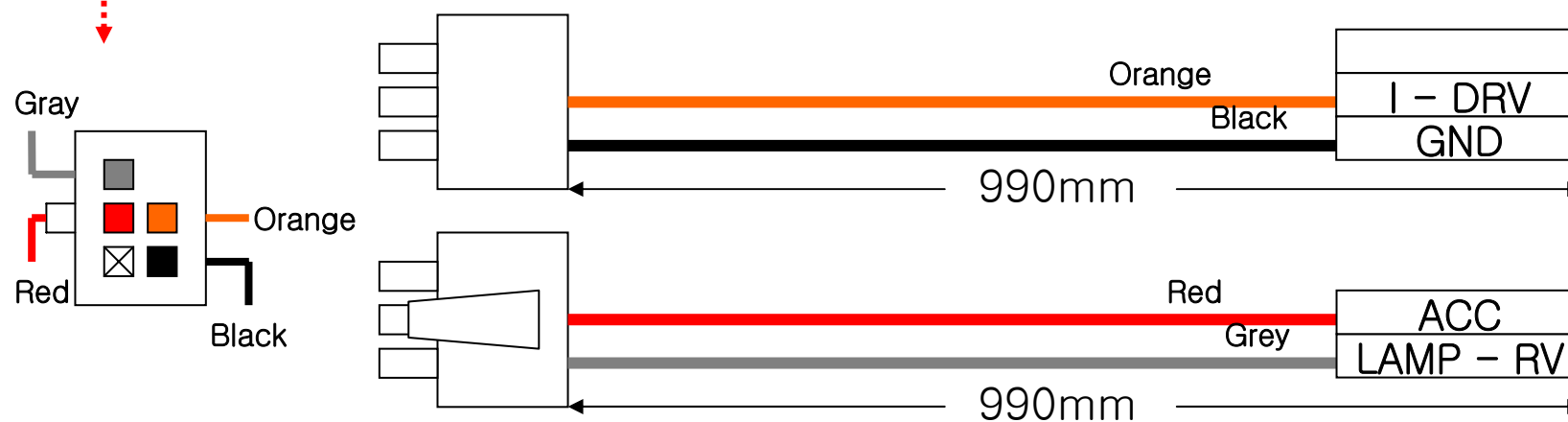


## Interface connectors pin assign

\* Power Cable



FILTER  
& FUSE BOX

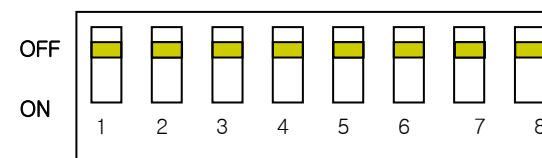






## DIP SW Operation Process

#PIN	Operating when turn DIP S/W on
1	NAVI INPUT MUTE → Skipping NAVI Mode.
2	A/V 1 MUTE → Skipping A/V 1
3	A/V 2 MUTE → Skipping A/V 2
4	A/V 3 MUTE → Skipping A/V 3
5	On : For Lexus    Off : For Land Rover
6	On : For original Navi, (OEM screen)
7	When to choose rear mode (ON : CVBS4, OFF : MAIN)
8	N.C

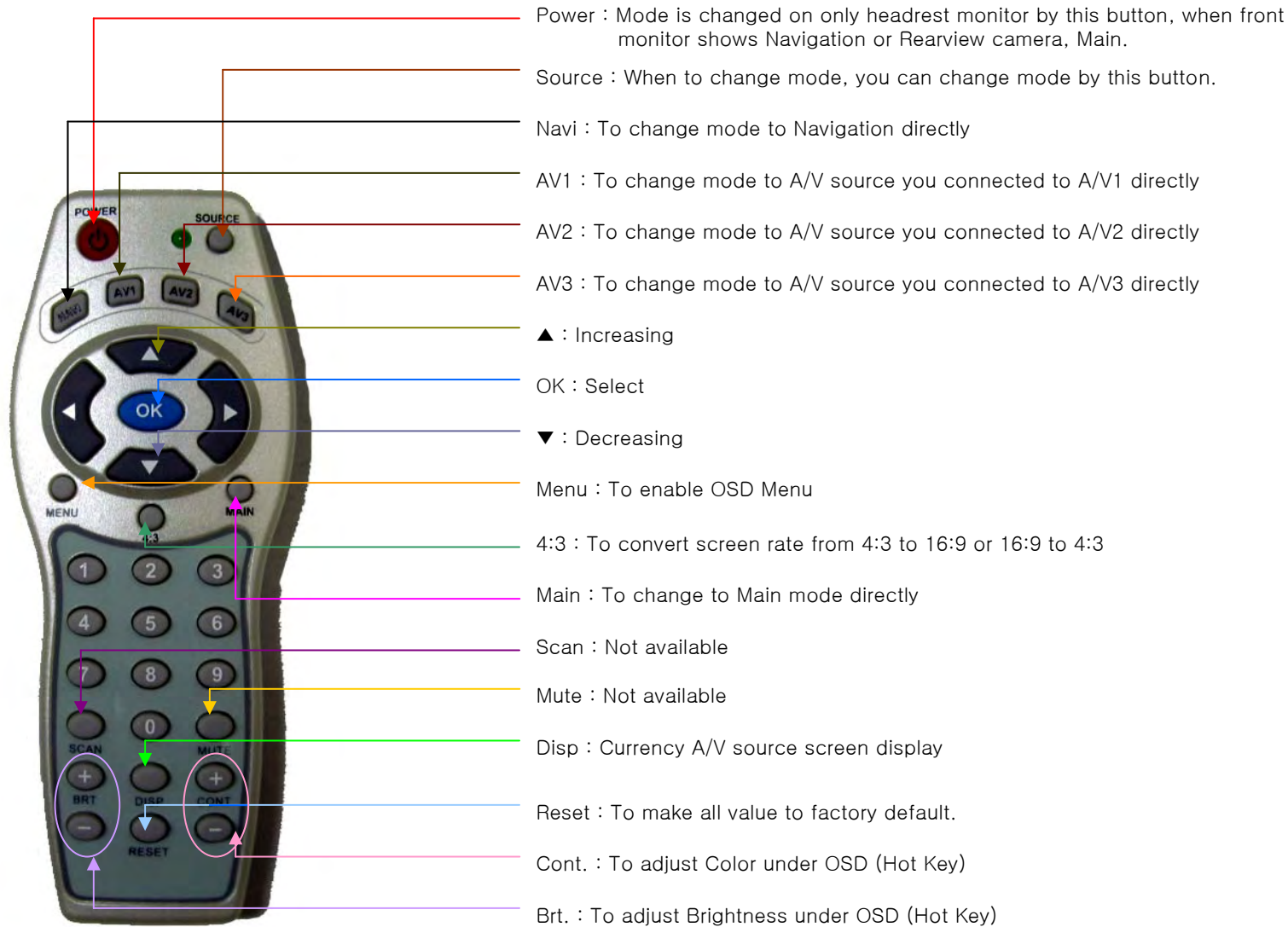


[Front View]

### (DIP S/W Use Example)

- . Use Input Mode : MAIN + A/V 3
- . Rear Camera : When to be installed on CVBS 4
- ▷ DIP S/W : 1,2,3 → ON (INPUT MODE SKIP)
- ▷ DIP S/W : 4 → OFF (enable A/V3)
- ▷ DIP S/W : 5 → OFF
- ▷ DIP S/W : 6 → OFF
- ▷ DIP S/W : 7 → ON (enable CVBS4)
- ▷ DIP S/W : 8 → OFF

# Remote control



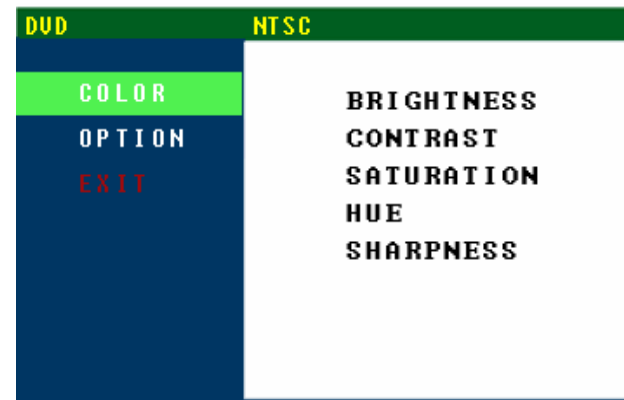
## OSD(On Screen Display)



### · Analog RGB Mode



### · Video Mode



The following settings are available in the COLOR Menu :

- BRIGHTNESS : It is used to adjust brightness of the screen.
- CONTRAST : It is used to adjust distinction (Image noise clearness).
- RED, GREEN, BLUE : You can adjust red, green and blue setting for user color temp.
- SATURATION : Adjust the saturation the picture.
- HUE : It is used to adjust the display hue adjustment of the screen.
- SHARPNESS : Adjust the sharpen or soften the picture.

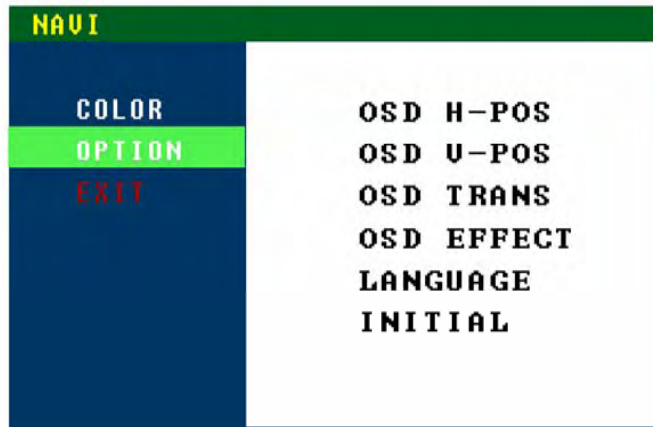


## OSD(On Screen Display)

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- Analog RGB Mode



The following settings are available in the OPTIONS Menu :

- OSD H-POS : It is used to move menu screen right-wards or left-wards.
- OSD V-POS : It is used to move menu screen up-wards or down-wards.
- OSD TRANS : You can select the OSD background to be opaque or translucent.
- OSD EFFECT : Menu screen display function.
- LANGUAGE : OSD language and appearance can be changed.
- INITIAL : Screen parameters are replaced with the factory default values.